

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated December 28, 2006 has been received and its contents carefully reviewed.

Claims 2-3 and 15 are hereby amended ; claims 29 and 30 are hereby added; and claims 14 and 28 are withdrawn from consideration. Accordingly, claims 1-13, 15-27 and 29-30 are currently being examined. Reexamination and reconsideration of the claims is respectfully requested.

In the Office Action, claims 2-3 are objected to because of informalities; claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication No. 2004/0134619A1 to Kojima (hereinafter “Kojima”); claims 1-13 are rejected under 35 U.S.C. 102(a) as being anticipated by U.S. Patent Application Publication No. 2004/0020942 A1 to Ingenhoven et al. (hereinafter “Ingenhoven”); and claims 15-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ingenhoven.

Applicants respectfully traverse the objections to claims 2-3 in light of the amendments to the claims.

Applicants respectfully traverse the rejections of claims 1-13 over Kojima and reconsideration is respectfully requested. Without reaching the merits of the rejections, Applicants traverse the rejections because Kojima is not valid prior art against the claims of the present application. Specifically, the present application claims priority to Korean Application No. 35416/2003, filed June 2, 2003, which antedates the Oct. 17, 2003 filing date of Kojima. To perfect this claim for priority, Applicants file herewith a certified English translation of Korean Application No. 35416/2003. Reconsideration and withdrawal of the rejection are respectfully requested.

Applicants respectfully traverse the rejections of claims 1-13 and 15-27 over Ingenhoven and reconsideration is respectfully requested. Before reaching the merits of the

rejections, Applicants traverse the rejections because Ingenhoven is not valid prior art against the claims of the present application. Specifically, the present application claims priority to Korean Application No. 35416/2003, filed June 2, 2003, which antedates the February 5, 2004 publication date of Ingenhoven. To perfect this claim for priority, Applicants file herewith a certified English translation of Korean Application No. 35416/2003.

Additionally, claims 1-13 are allowable over Ingenhoven because each of the claims recites a combination of elements, including, for example, “at least one dispensing unit to supply a dispensing material on a substrate; at least one support member to support and align the dispensing unit; and a plurality of syringes mounted on each dispensing unit”. Ingenhoven does not teach or suggest at least this feature of the claimed invention. The Examiner misapprehends the disclosure of Ingenhoven. In particular, the Office Action states at page 4 that “Ingenhoven et al discloses (see Fig 5) a dispenser capable of fabricating a liquid crystal display panel, comprising: at least one dispensing unit (channels 11, 24) to supply a dispensing material on a substrate... and a plurality of syringes (output channels 12 with needles 30 and tips 6) mounted on each of the dispensing unit.” However, Ingenhoven does not teach or suggest a plurality of syringes (output channels 12 with needles 30 and tips 6) mounted on each dispensing unit (channels 11, 24). Accordingly, Ingenhoven does not teach or suggest all the feature of the claimed invention.

Furthermore, claims 15-27 are allowable over Ingenhoven because each of the claims recites a combination of elements, including, for example, “a plurality of syringes to receive the material to be dispensed from the dispensing units and to supply the material to a substrate, at least two of the syringes mounted on each one of the dispensing units”. Ingenhoven does not teach or suggest at least this feature of the claimed invention. The Examiner misapprehends the disclosure of Ingenhoven. In particular, the Office Action states at page 7 that “Ingenhoven et al discloses (see Fig 5) a dispenser capable of fabricating a liquid crystal display panel, comprising: at least one dispensing unit (channels 11, 24) to supply a dispensing material on a substrate... and a plurality of syringes (output channels 12 with needles 30 and tips 6) mounted on each of the dispensing unit.” However, Ingenhoven does not teach or suggest at least two of the syringes (output channels 12 with needles 30 and tips 6) mounted on each one of the dispensing units (channels 11, 24). Accordingly, Ingenhoven does not teach or suggest all the feature of the claimed invention.

Accordingly, reconsideration and withdrawal of the rejections claims 1-13 and 15-27 over Ingenhoven are respectfully requested.

Additionally, claims 29-30 are allowable at least by virtue of the fact that they depend from claims 1 and 15, which are allowable.

Furthermore, upon allowance of claims 1 and 15, applicants respectfully request rejoinder of claims 14 and 28.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: March 28, 2007

Respectfully submitted,

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Attachment:

Certified English Translation of Korean Patent Application No. 2003-35416